

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	1496817
<b>Application Number:</b>	10561775
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	1394
<b>Title of Invention:</b>	Multi-reflecting time-of-flight mass spectrometer and method of use
<b>First Named Inventor/Applicant Name:</b>	Anatoli Verentchikov
<b>Customer Number:</b>	277
<b>Filer:</b>	Terry S. Callaghan/Anna Matthews
<b>Filer Authorized By:</b>	Terry S. Callaghan
<b>Attorney Docket Number:</b>	LEC01 P-432
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<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	IDS.pdf	57775	no	2

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2	Foreign Reference	WO9103071.pdf	1521996	no	27
<b>Warnings:</b>					
<b>Information:</b>					
3	Foreign Reference	WO9930350.pdf	821431	no	20
<b>Warnings:</b>					
<b>Information:</b>					
4	Foreign Reference	WO0178106.pdf	2471706	no	47
<b>Warnings:</b>					
<b>Information:</b>					
5	Foreign Reference	WO2004008481.pdf	2448374	no	45
<b>Warnings:</b>					
<b>Information:</b>					
6	Foreign Reference	EP1237044A2.pdf	2426223	no	43
<b>Warnings:</b>					
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7	Foreign Reference	GB2080021A.pdf	389997	no	7
<b>Warnings:</b>					
<b>Information:</b>					
8	Foreign Reference	GB2361353A.pdf	926363	no	17
<b>Warnings:</b>					
<b>Information:</b>					
9	Foreign Reference	GB2378312.pdf	2009309	no	54
<b>Warnings:</b>					
<b>Information:</b>					
10	Foreign Reference	SU0198034.pdf	148906	no	3

<b>Warnings:</b>					
<b>Information:</b>					
11	Foreign Reference	SU1681340.pdf	307216	no	5
<b>Warnings:</b>					
<b>Information:</b>					
12	Foreign Reference	SU1725289.pdf	375737	no	5
<b>Warnings:</b>					
<b>Information:</b>					
13	NPL Documents	Chien_Plasma_Source.pdf	1706351	no	9
<b>Warnings:</b>					
<b>Information:</b>					
14	NPL Documents	Luca_On_the_Combination_of_a_Linear_Field_Free_Trap_with_a_TOF_MS_Rev_Sci_Instrum_2001.pdf	104936	no	1
<b>Warnings:</b>					
<b>Information:</b>					
15	NPL Documents	Mamyrin_Karataev_New_method_for_focusing_ion_bunches_in_time-of-flight_mass_spectrometers.pdf	334232	no	3
<b>Warnings:</b>					
<b>Information:</b>					
16	NPL Documents	Sakurai_A_New_Multi-passage_Time-of-Flight_Mass_Spectrometer_at_JAIST.pdf	235002	no	5
<b>Warnings:</b>					
<b>Information:</b>					
17	NPL Documents	Sakurai_Ion_Optics_High_Resolution_Multipass_Mass_Spectrometer_with_Electrostatic_Ion_Mirrors.pdf	243916	no	4
<b>Warnings:</b>					
<b>Information:</b>					
18	NPL Documents	Wolnik_TOF_MS_with_Multiply_Reflected_Ion_Trajectories_IJMS_1990.pdf	311181	no	8
<b>Warnings:</b>					
<b>Information:</b>					
19	NPL Documents	Wolnik_An_Energy_Isochronous_Multipass_TOF_MS_Consisting_of_Two_Coaxial_Electrostatic_Mirrors.pdf	107555	no	6

<b>Warnings:</b>					
<b>Information:</b>					
20	NPL Documents	Wolnik_TOF_Mass_Analyze rs_Mass_Spec_Rev_1993.p df	1265302	no	26
<b>Warnings:</b>					
<b>Information:</b>					
21	NPL Documents	Ji_Qinchun_A_Segmented _Ring_cylindrical_Ion_Trap_ Source_for_TOF_MS_ASMS _1996.pdf	692535	no	9
<b>Warnings:</b>					
<b>Information:</b>					
22	NPL Documents	Hoyes_A_High_Resolution_ Orthogonal_TOF_with_Select table_Drift_Length.pdf	96395	no	6
<b>Warnings:</b>					
<b>Information:</b>					
23	NPL Documents	Park_Melvin_Analytical_Figu res_TOF_MS_extended_abs tract_ASMS.pdf	110888	no	2
<b>Warnings:</b>					
<b>Information:</b>					
24	NPL Documents	Wolnik_H_Mass_Separators .pdf	588347	no	8
<b>Warnings:</b>					
<b>Information:</b>					
25	Information Disclosure Statement (IDS) Filed	PTO_SB_08a.pdf	270815	no	3
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26	Information Disclosure Statement (IDS) Filed	PTO_SB_08b.pdf	80856	no	2
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.